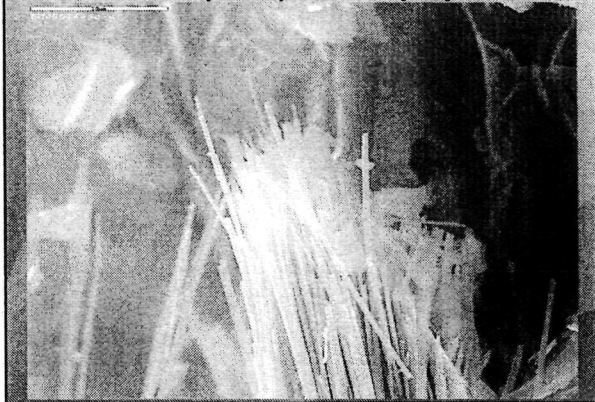
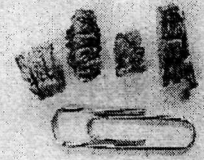


## Libby Amphibole (LA)



## Vermiculite Had Many Uses

- ✓ insulation - "Zonolite"
- ✓ fertilizer/soil amendment
- ✓ lightweight construction aggregate
- ✓ packing material
- ✓ feed additive
- ✓ anti-slag
- ✓ absorbent



## Potential Troy Non-Occupational Exposures Historical & Present

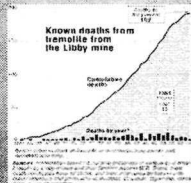
- Family Contact With Workers
- Ambient Air
- Other
  - Playing in vermiculite piles
  - School areas
  - Home insulation
  - Garden use
  - Driveways
  - Popping on stove



## Asbestos Health Effects

- **Non-Cancer Fibrosis/Scarring** (latency >10 yrs)
  - Asbestosis – scarring of the air sacs
  - Pleural Fibrosis – scarring of lining around the lung
- **Cancer** (latency 20-40 yrs)
  - Lung Cancer
    - Increased risk of all lung cancer types, especially with smoking
  - Mesothelioma
    - Rapidly fatal cancer of the lining around the lungs & abdomen
    - Virtually all cases associated with asbestos exposure
    - Not affected by smoking
  - Other Cancers
    - Gastrointestinal & laryngeal

## seattle PI.com Special Reports



By ANDREW SCHNEIDER  
SEATTLE POST-INTELLIGENCER SENIOR  
NATIONAL CORRESPONDENT

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### Uncivil Action: A town left to die

Tiny Libby, Mont., depended for years on the jobs at a vermiculite mine. But the mine is closed now, and a P-I investigation shows the town is paying a tragic price for those jobs. Hundreds of former miners, their wives and children, and other townspeople have either died or been diagnosed with fatal illness from asbestos the mine released into the air. No one stepped in to stop the dying. Now the town wonders when it will end, and if the town's children are still at risk.

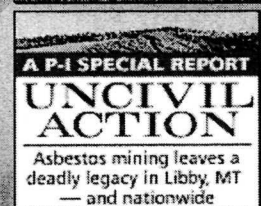
"I want the people of Libby to know that we take very seriously these threats to their health and we are going to bring to bear the resources of P-I to help them understand and prevent further harm," P-I editor said.

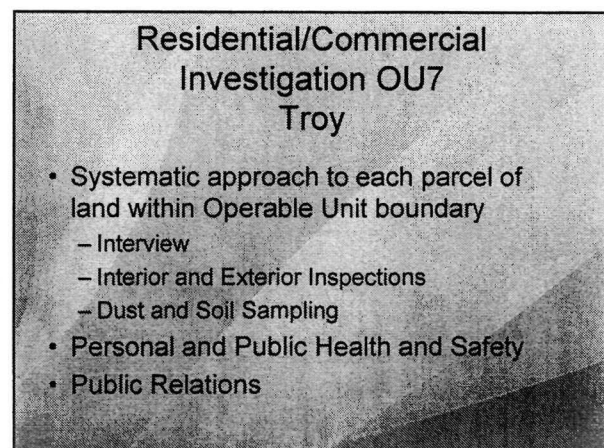
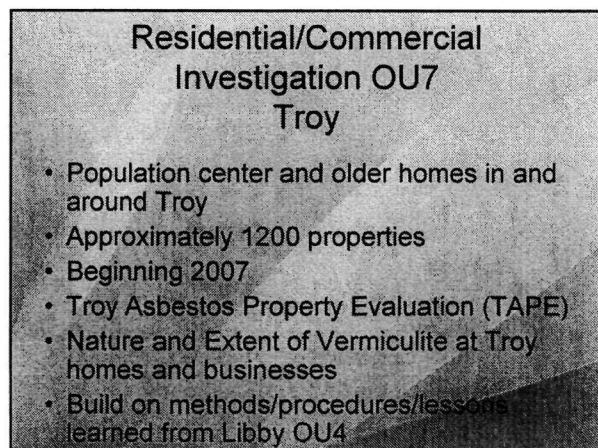
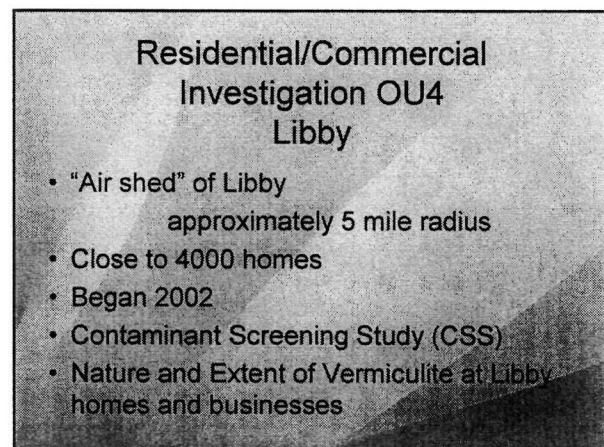
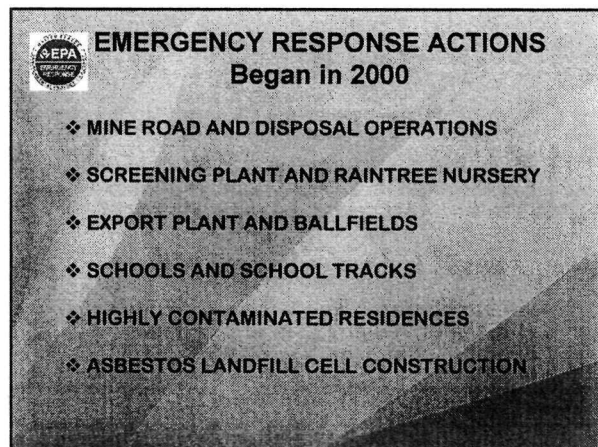
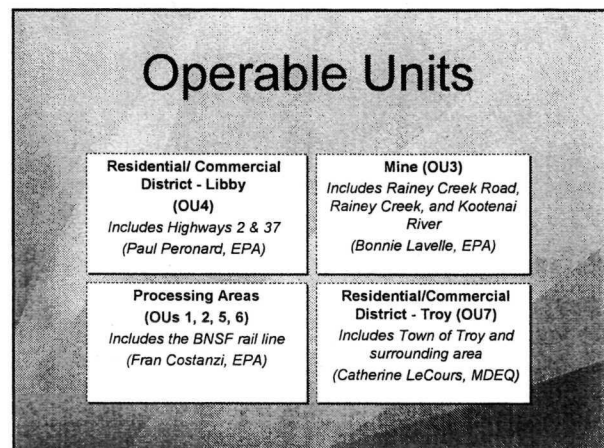
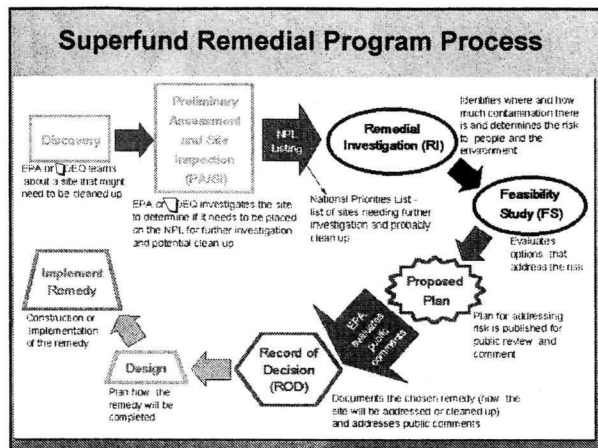
- ❖ 1999: Seattle PI broke the story of high death rate

- ❖ 3 days later Region 8 Emergency Response was in Libby

- ❖ Originally thought only workers were affected

- ❖ Launched response actions and health assessment immediately





## Goals for Investigation

- Identify locations of vermiculite in and around Troy residences and businesses
- Determine levels of asbestos present in and around Troy residences and businesses
- Educate residents to reduce exposure
- Begin to plan for cleanup

## Introductions

- DEQ Project Manager  
Catherine LeCours
- Tetra Tech Project Manager  
Ed Surbrugg
- Tetra Tech Field Team Leader  
Mark Stockwell
- Information Center Manager  
Michelle Carlson
- Tetra Tech Field Team

## VERMICULITE ATTIC INSULATION



*show procedure*

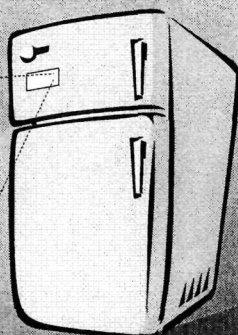
## Emergencies/Remodeling

If you find vermiculite on your property, call the ERS for help in understanding and handling the situation.



**Libby Area Environmental  
Resource Specialist (ERS)  
406-291-5335**

During regular business hours or emergencies



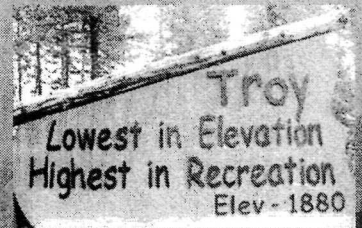
## How Can I Get Involved?

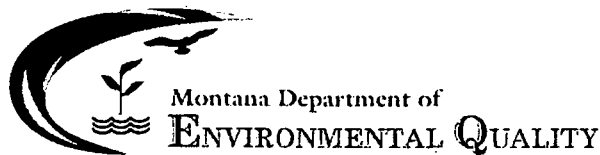
- Technical Assistance Group (TAG)
- Tuesday, 7-9pm, Flathead Valley Community College
- Operations & Maintenance Workgroup (O&M)
- Wednesday, 8-10am, Venture Inn
- Community Advisory Group (CAG)
- Thursday, 7-9pm, Libby City Hall (Ponderosa Room)
- Meet once a month  
Usually during the week of the second Thursday  
(watch the newspapers for announcements)

## DEQ Troy Information Center

- 303 N Third St  
(across from Senior Center, next to Library)
- Monday through Friday
- 8:00 a.m. to 4:30 p.m.
- (406) 295-9238
- [info@deqtroyinfo.com](mailto:info@deqtroyinfo.com)

## QUESTIONS?





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STATE OF MONTANA  
OFFICE FILE # 38-14-15  
Admin. Record No. No  
Administrative Record #  
Confidential: Yes No  
Date of Sign In April 2007  
mtg



**Please Sign In**

Name/Representing	Address	E-Mail	Comments/ Add to Mailing list?
BRAUN 7 PUC	255 SUMRIS		
Robert H. Ch	Freeman Ridge		
Nancy Tard	408 Riverside 208 N 4		
Shirley Hurst	207 N 2nd		
Frank Newton	PO Box 574	219 Kalgipelli Ave.	
A-S-Browns	PO-85		
J. HIGBIE	P.O. Box 322	10240. RIVERSIDE DR 101 E. RIVERSIDE DR	add po to data base
Lois E. Rubin	PO Box 2177		
Donna W. Brown	756 TECH. MONT. SUPPLY	mtg@mtg.org & C. C. C. C.	
Joe & Kathy H. H. H.	PO Box 444	101 E. RIVERSIDE DR PO Box 444	

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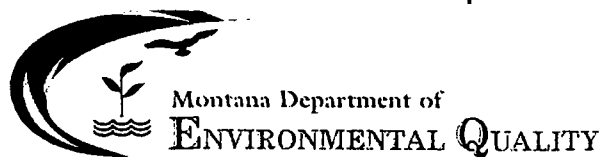
## Please Sign In

Name/Representing	Address	E-Mail	Comments/ Add to Mailing list?
✓ Patti Garland	Bull Run Box 143 Troy	p-garland@yahoo.com	Yes
Don Watson	2136 Riverside Dr		
✓ Dan & Joyce Goodrich	PO Box 218 206 Mineral Ave	DGoodrich77663@ Roadrunner.com	did not a yes - letter or p-card!
Steve Newstrom	219 Kalispell		
PAUL Lammers	PO Box 705		Yes
Mike Giesey	9555 Bull Run Rd		No
Terry & Andrea Warden	PO Box 243		
JAMIE SHORE	PO BOX 320		lost access letter - needs a new one
✓ ED APPLE	PO Box 44		
✓ Kimberly Reese	218 E. Keaton PO Box 708	Kimberly@kimberlyreese.org	Yes Troy Motel?

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Name/Representing	Address	E-Mail	Comments/ Add to Mailing list?
Royce Lamberton	549 FOREST DR. Troy MT 59935		
Myrl Swapsen	Po Box 707 TROY MT		✓
+ Josh Jensen	1100 Chickadee Troy, MT		
Edward T. Hork	147 Piney Rd Troy, MT		
Kyle McClellan	Box 3103	westhew@ Libby.mt	✓
George Anderson	200 Lake Crest Rd Troy, MT 59935		
Wayne McKittrick	Po Box 75 Troy MT	westhew@libby.mt	✓
+ Way Olsen	Box 1000 Troy MT		
DAVID CAROL LATHAM	Po Box 940 Libby MT 59723	peace@montanacomm.com	✓
Hubbard Williams	510 E. 1st Street Troy MT 59935	Hubbard@TroyMT.com	

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Sam Matsushita	PO Box 537		
Douglas Speth	TROY RAILROAD STATION	dspeth@ESSFed.us	
Sam Shupe	TROY P.O. 285	shupeshupe@RVIS.net	
MIKE CRATTY	1111 MISSOULA AVE E. PO Box 2019	—	
Edith Lockwood	PO Box 172 Spokane Ave.		
Barbara Pence	P.O. Box 422 1303 E. Missoula Ave.		
John Clogston	Box 1116 118 Kootenai		

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Shellie DeLeo	P.O.B. 580 Troy	Seashellieann @frontier.net	Yes
Leann Ross	P.O.B. 451 Troy	rossleann @frontier.net	
Hart & Linda Mayday	P.O. Box 973	90240444 @ymail com	Yes
Bruce Baker	P.O. Box 100 Troy		
LARRY WATSON	Box 122 Troy	larry@troypad.net	Yes
John A. Stort	4108 Hwy 254	stortjohna@liberty net	
Rebecca Williams	207 Kalspell Apt		Yes
Linda Arrick	310 E. Main St Apt	lindaarrick@ montanahome.com	Yes
Bruce Sagen	207 Riverside		
Janet Anderson	Box 359	janet@frontier.net	

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Name/Representing	Address	E-Mail	Comments/ Add to Mailing list?
Glenn Garrison	Box 493 Troy	scrawley@kvis.net	yes
Eleg Larson	Troy 1122 FATE Rd	greg@frontiernet.net	yes

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Montana Department of  
ENVIRONMENTAL QUALITY

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United States  
Environmental Protection  
Agency

Name/Representing	Address	E-Mail	Comments/ Add to Mailing list?
Ron Rebo City of Troy	1007 1st		
LARRY BAKER CITY OF TROY	1410 & 1412 E. MISSOULA		
Ron Rebo CITY OF TROY	212 E. FRONT AVE		
Tracey Rebo City of Troy	PO Box 335	trebo@troymt.net	

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